

FIG. 1

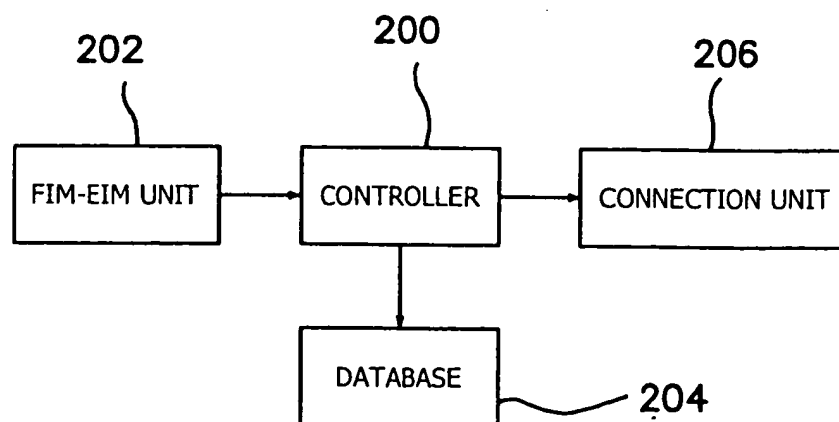
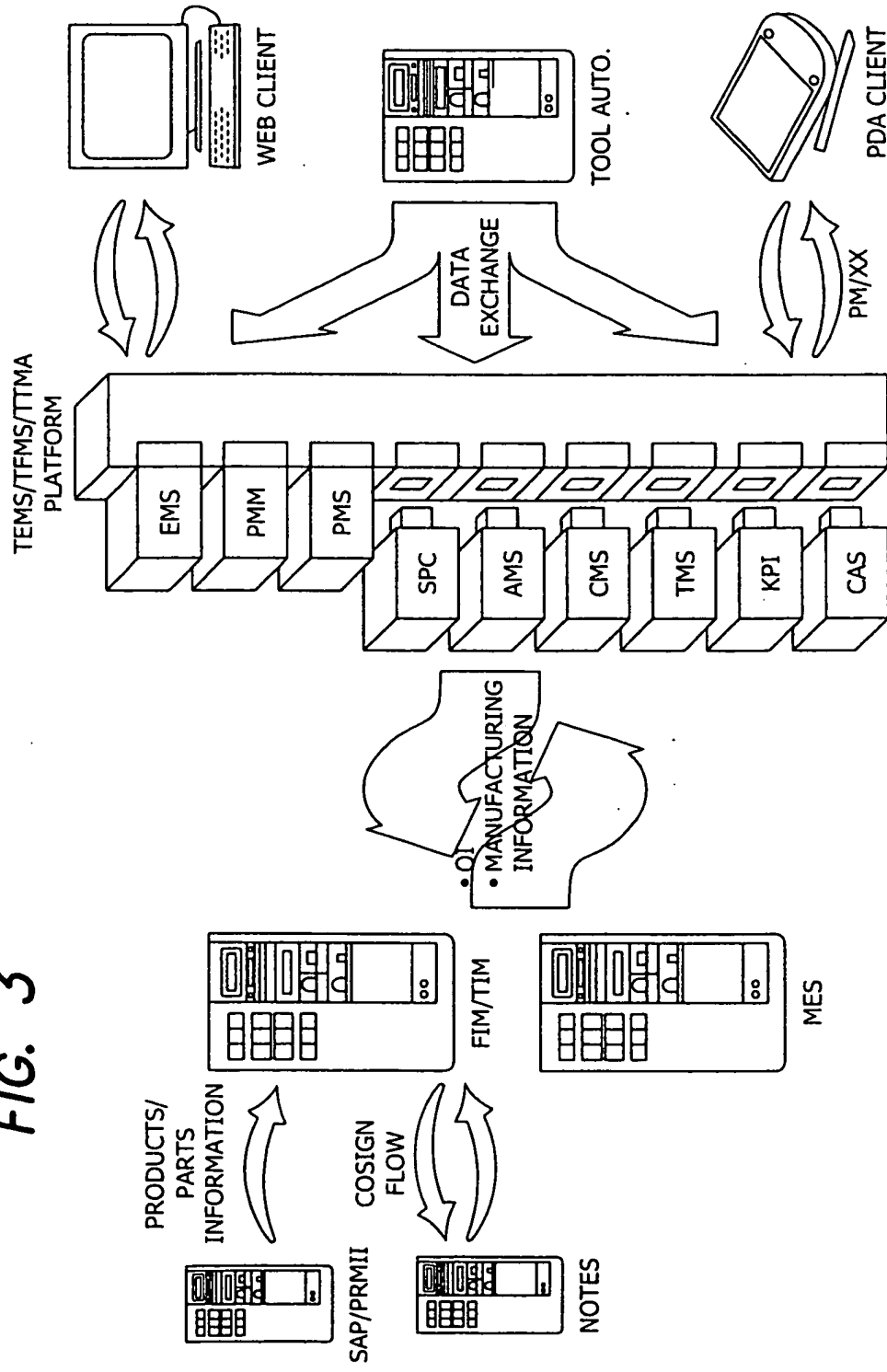


FIG. 2

FIG. 3



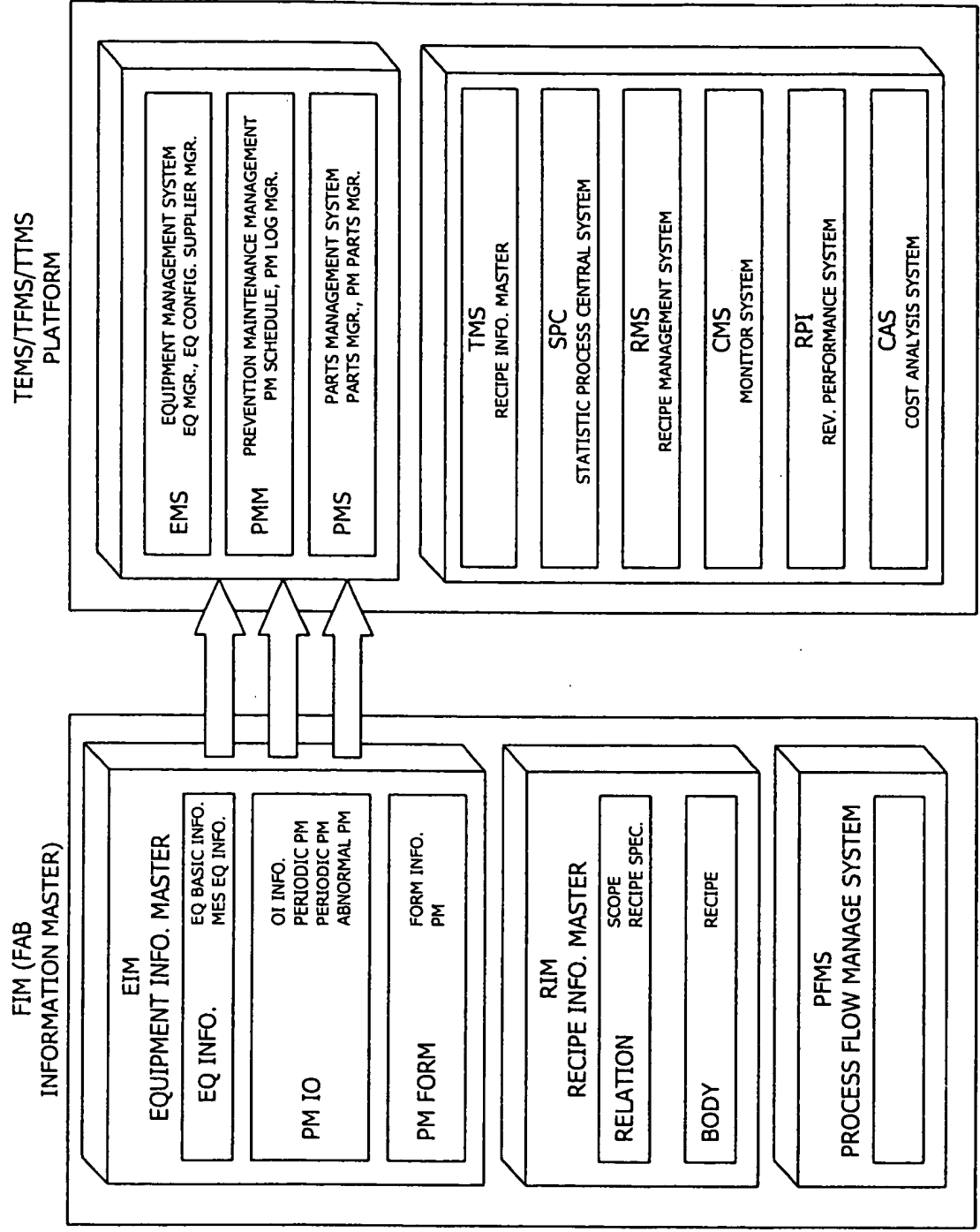


FIG. 4

OPERATION INSTRUCTION FOR PREVENT MAINTENANCE OF
EQUIPMENT SYSTEM (FIM-EIM)

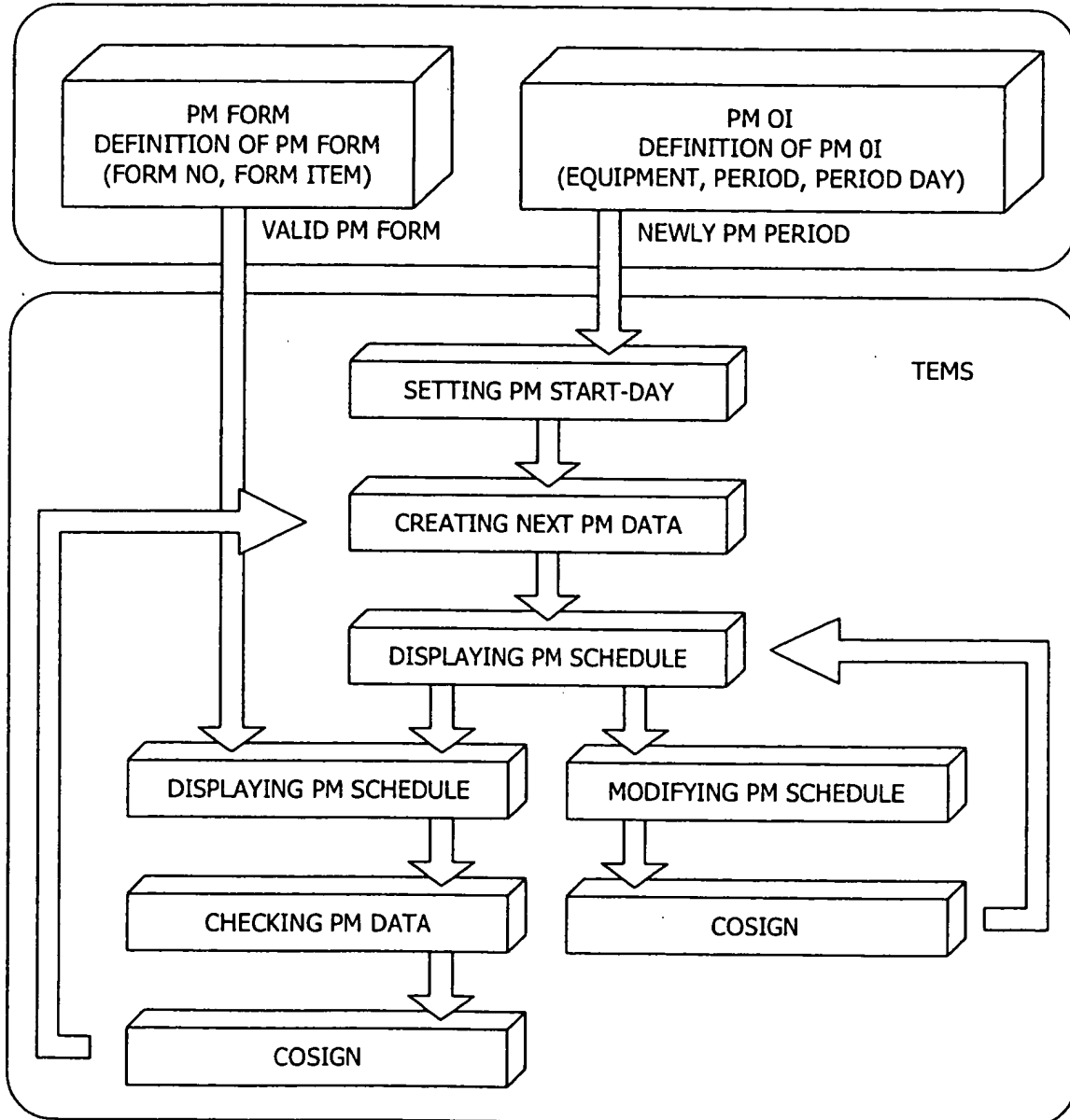


FIG. 5

XXXXXX

XX

X - X

X - X

XFIMXXXXXXXXXXXXXTEMSXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXXXX
X-XXXXXXXXXXXXXXXXX
XXXXXXXXXXXXXXXXXXFIMXXOIXXXXXX


OI XXXXXXXXXXXX

EQUIPMENT NAME	PM PERIOD	PM STATUS	FIRST PM DATE
XX	XX	XXXX	XXXX
K1	X	XX	...
K2	X	XX	...
K3	X	XX	...
K4	X	XX	...
RCA-6	X	XX	...
RCA-7	X	XX	...
TW-1	X	XX	...
TW-1	X	XX	...
WET SCRUBBER-5	X	XX	...
WET SCRUBBER-5	X	XX	...


EX. EQUIPMENT (TW-1) HAS A NEW MONTHLY MAINTENANCE. USERS CAN SET THE FIRST PM DATE IN THIS FUNCTION.


IN THIS FUNCTION
USER CAN ASSIGN FIRST MAINTENANCE DAY FOR EACH EQUIPMENT, AND THE SYSTEM WILL ADD THIS PM TO PM SCHEDULING PLAN.

FIG. 6



XX

 X - X

 X - X

XXXX : 403-3

XXXXXXXX-X

PM PERIOD	PM DATE	NEW PM DATE	TOLERANCE DELETE?	REASON	REMARK
X	XX	XXXX	X	XX	XX
X			X		
<input checked="" type="checkbox"/>	X03	2002/8/20	121	1-XXXX	
<input type="checkbox"/>	X01	2003/2/17	121		
<input type="checkbox"/>	X04	2002/11/18	121		
<input type="checkbox"/>	X	2003/2/27	121		
<input type="checkbox"/>	X02	2003/5/6	121		

XX

IN THIS CASE:

THE EQUIPMENT (403-3) WILL BE MODIFIED

THE PM DATE FROM 2002/8/20 TO

200/8/31.

AND THE REASON IS 1-PRODUCTIVE NEED.

FIG. 7

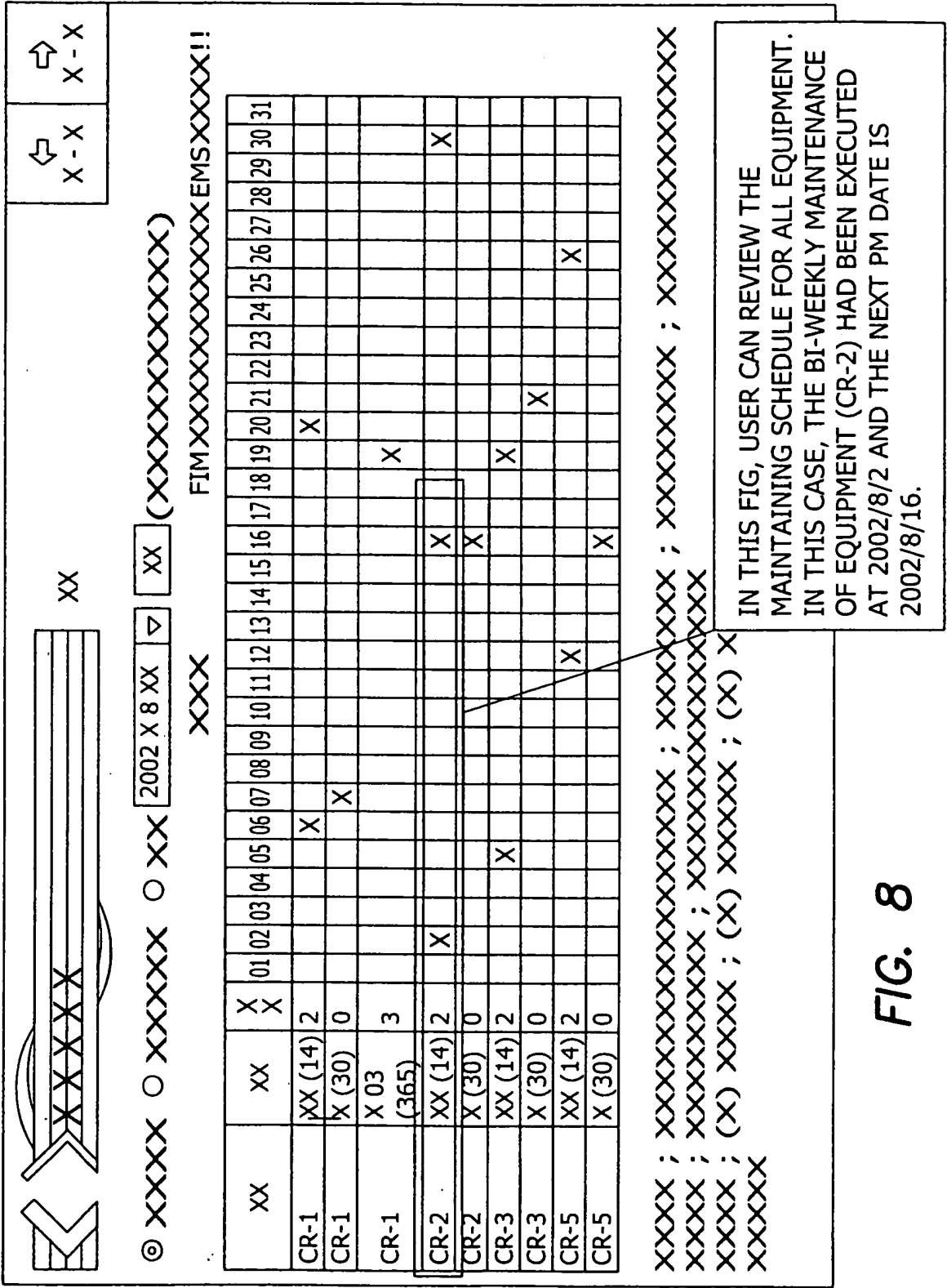







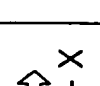


FIG. 8

XXXX

XXXX

XXXX

XXXX : 2003/8/11 XX 10:57:36

EQUIP NAME	CEL01	PM PERIOD	X (7 /2)
PM USER	XXX	AUTHOR	XXX
START TIME	2002/8/11 ... 10:30	END TIME	2003/8/11 ... 10:30
REMARK			

XXXX

XXXX

XXXX

ITEMS (DESCRIPTION)	SPEC. DESCRIPTION	NA	Y	N	UP LIMIT	VALUE	UNIT
1 AUTO-SHUTTER XXX [2-3 1/min]		<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<3	>2	L/min
2 GAP FLANGE XXX [.07-.09 1/min]		<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<0.9	>0.7	L/min
3 HECPYRO(MANIFOLD) XXX [AP (2-3 1/min)]		<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<-3	<-2	L/min
4 HEATER XXX [2-3 1/min]		<input type="checkbox"/>	<input type="radio"/>	<input type="radio"/>	<-3	>2	L/min

XXXX

XXXX

XXXX

MAINTENANCE ITEMS

XX

IN THIS FUNCTION
USERS MUST EXECUTE THE MAINTENANCE
ITEMS AS LIST AND RECORD THE VALUES
AFTER MAINTAINING.

FIG. 10

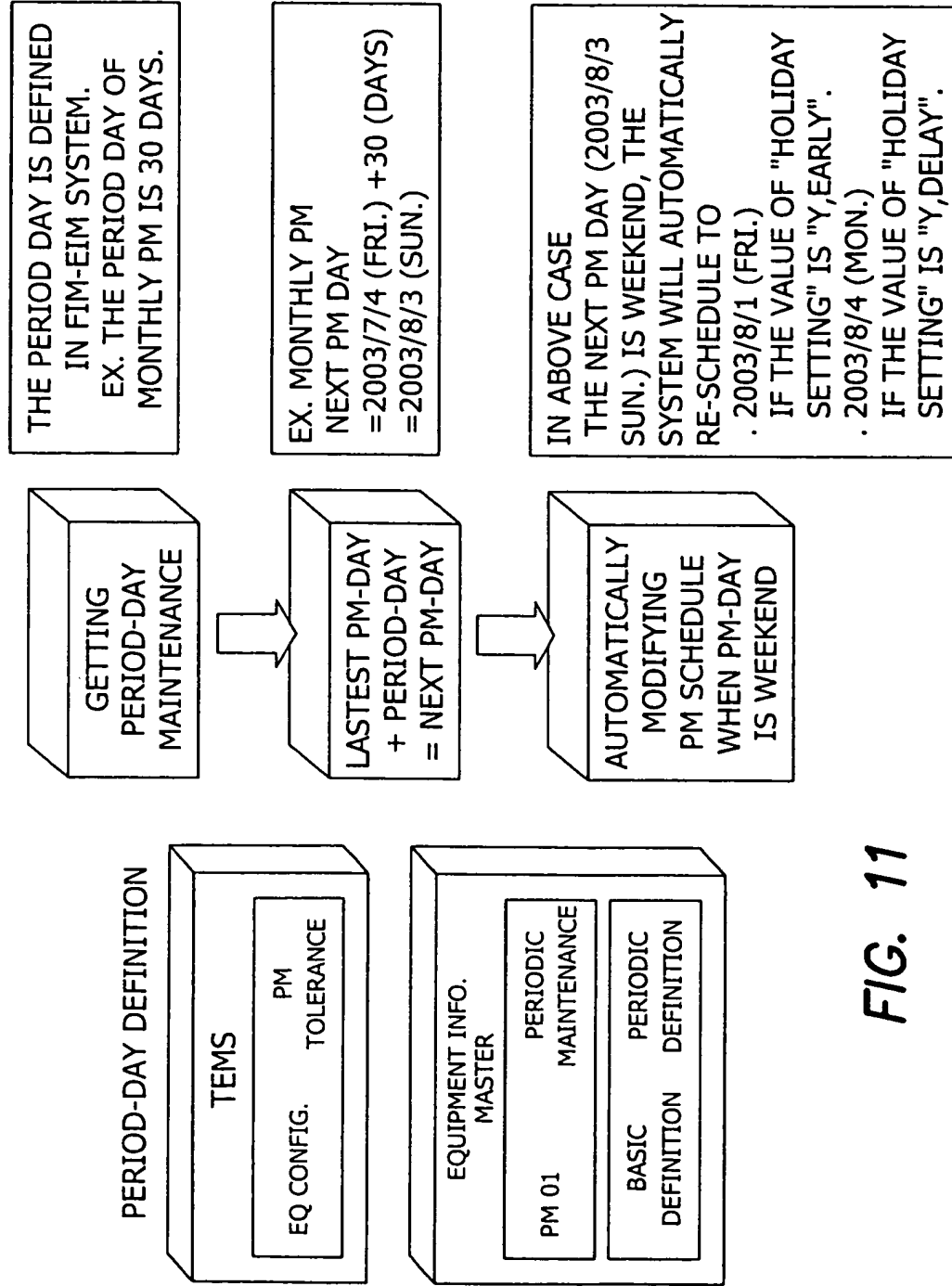


FIG. 11

OPERATION INSTRUCTION FOR PREVENT MAINTENANCE OF
EQUIPMENT SYSTEM (FIM-EIM)

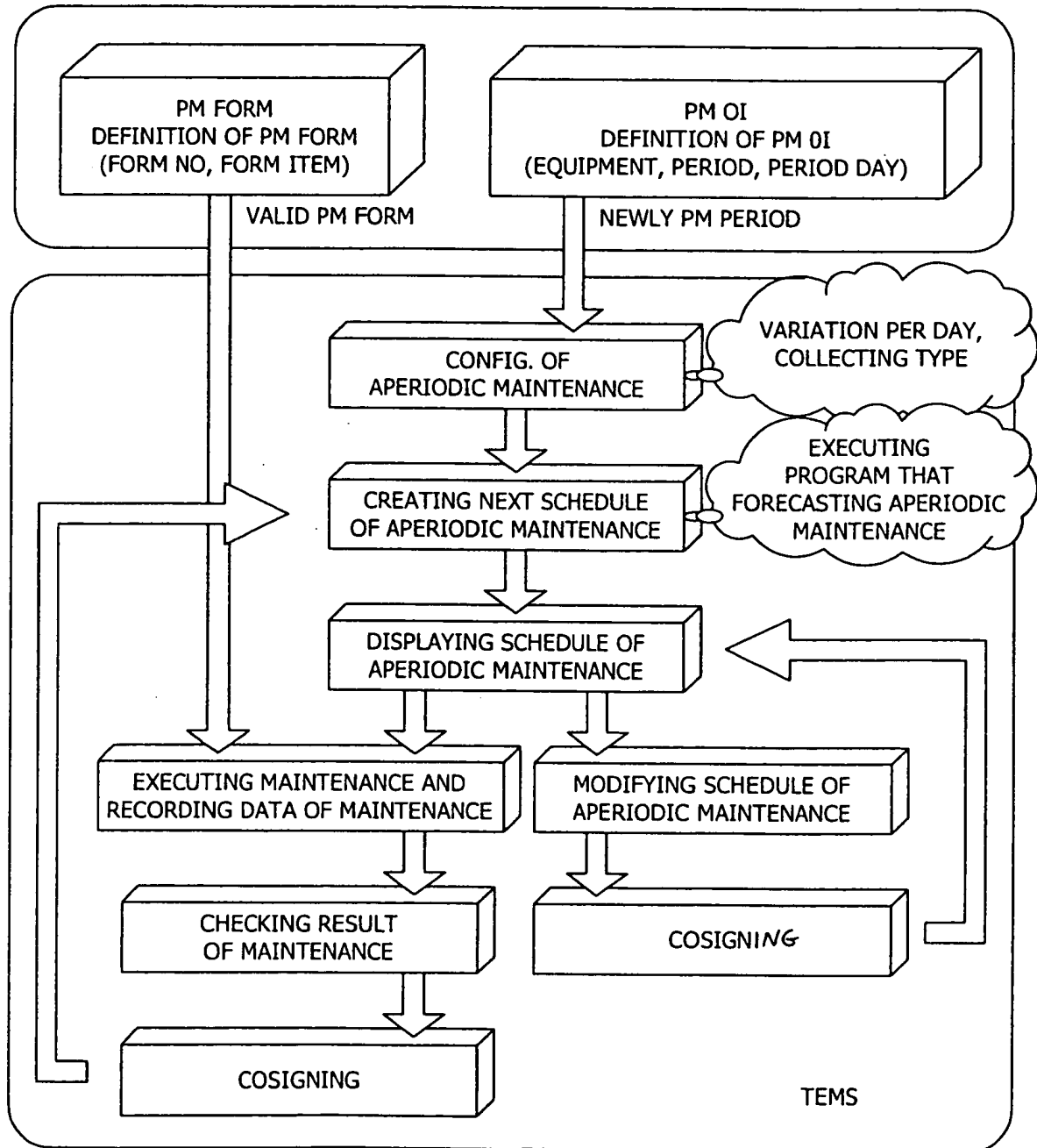


FIG. 12

XXXX

XX XX XX

XX XX

↩

↪

X - X

X - X

⊙ XXXX

○ BY XX

XX

▼

VARIATION VARIATION VARIATION (7 TIMES)

EQ NAME	APERIODIC ITEM	LOW LIMIT	UP LIMIT	CURRENT VALUE	XXXX X	XXXX XXX	DIR.	UNIT	AUTO.	FORMNO
ACE01#1	RF ON TIME	115	125		1.67	1.67	+	HOUR	Y	PB1103D
ACE01#2	RF ON TIME	115	125		2	2	+	HOUR	Y	PB1103D
ACE04#1	RF ON TIME	115	125		4.83	4.83	+	HOUR	Y	PB1103D
ACE04#2	RF ON TIME	115	125		6.83	6.83	+	HOUR	Y	PB1103D
ACE05#2	RF ON TIME	115	125		5.83	5.83	+	HOUR	Y	PB1103D
ACE05#3	RF ON TIME	115	125		4.33	4.33	+	HOUR	Y	PB1103D
ACE06#1	RF ON TIME	115	125		4.5	4.5	+	HOUR	Y	PB1103D
ACE06#2	RF ON TIME	115	125		3.5	3.5	+	HOUR	Y	PB1103D
ACE07#1	RF ON TIME	110	130		0.17	0.17	+	HOUR	Y	PB1128A
ACE07#2	RF ON TIME	110	130		2.83	2.83	+	HOUR	Y	PB1128A
ACE07#3	RF ON TIME	110	130		1.17	1.17	+	HOUR	Y	T005061
ACE08#1	RF ON TIME	110	130		1		+	HOUR	Y	T005061
ACE08#2	RF ON TIME	110	130		1		+	HOUR	Y	T005061
ACE08#3	RF ON TIME	110	130		1		+	HOUR	Y	T005061

IN THIS FUNCTION

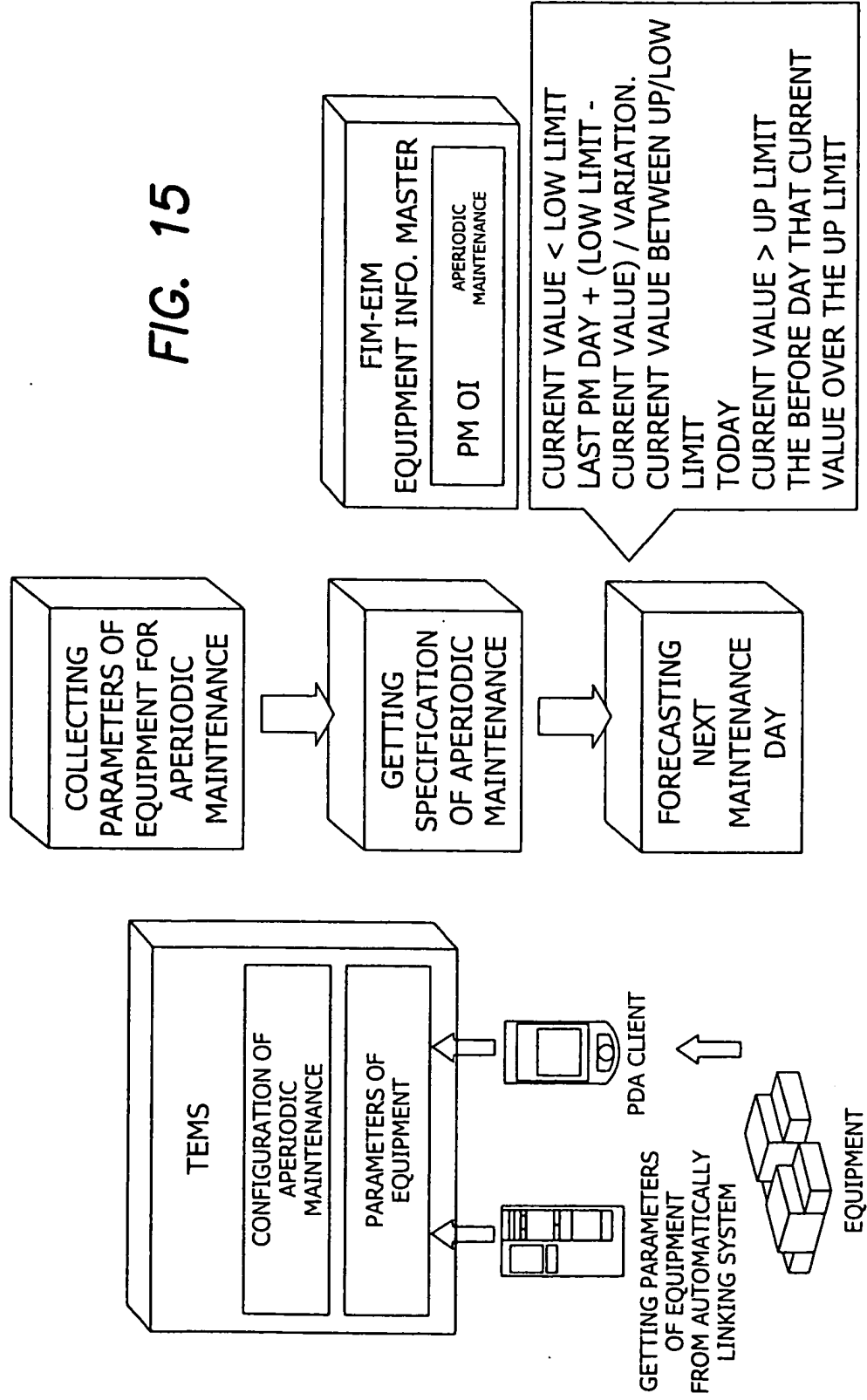
USERS CAN INPUT THE CURRENT VALUE FOR EACH
 APERIODIC ITEMS OF EQUIPMENT. THE SYSTEM
 WILL FORECAST THE NEXT MAINTENANCE DAY
 DEPENDING ON THE CURRENT VALUE AND
 VARIATION.

FIG. 13

XXXX		XX-X		XXXX		BY XX		VARIATION		VARIATION (7 TIMES)		X-X		X-X	
EQ NAME	APERIODIC ITEM	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX	XX
		LOW LIMIT	UP LIMIT	CURRENT VALUE	UPDATED TIME	STATUS	DIR.	UNIT	AUTO.						
403-1	RF TIME(VIA)	27	33	0	2002/07/30 18:33		10	139.4	+	X	N				P1112D
403-1	RF TIME(ZERO)	5500	6500	4421	2002/08/08 17:52		500	443.89	+	X	N				P1112D
403-2	RF TIME(VIA)	27	33	0	2002/07/30 18:33		10	45.6	+	X	N				P1112D
403-2	RF TIME(ZERO)	5500	6500	4555	2002/08/08 17:52		500	393.44	+	X	N				P1112D
403-3	RF TIME(VIA)	27	33	20	2002/08/08 17:52		10	4.67	+	X	N				P1112D
403-3	RF TIME(ZERO)	5500	6500	0	2002/07/30 18:33		500	0	+	X	N				P1112D
403-4	RF TIME(VIA)	27	33	7	2002/08/08 17:52		10	1.56	+	X	N				P1112D
403-4	RF TIME(ZERO)	5500	6500	0	2002/07/30 18:33		500	50.71	+	X	N				P1112D

FIG. 14

FIG. 15



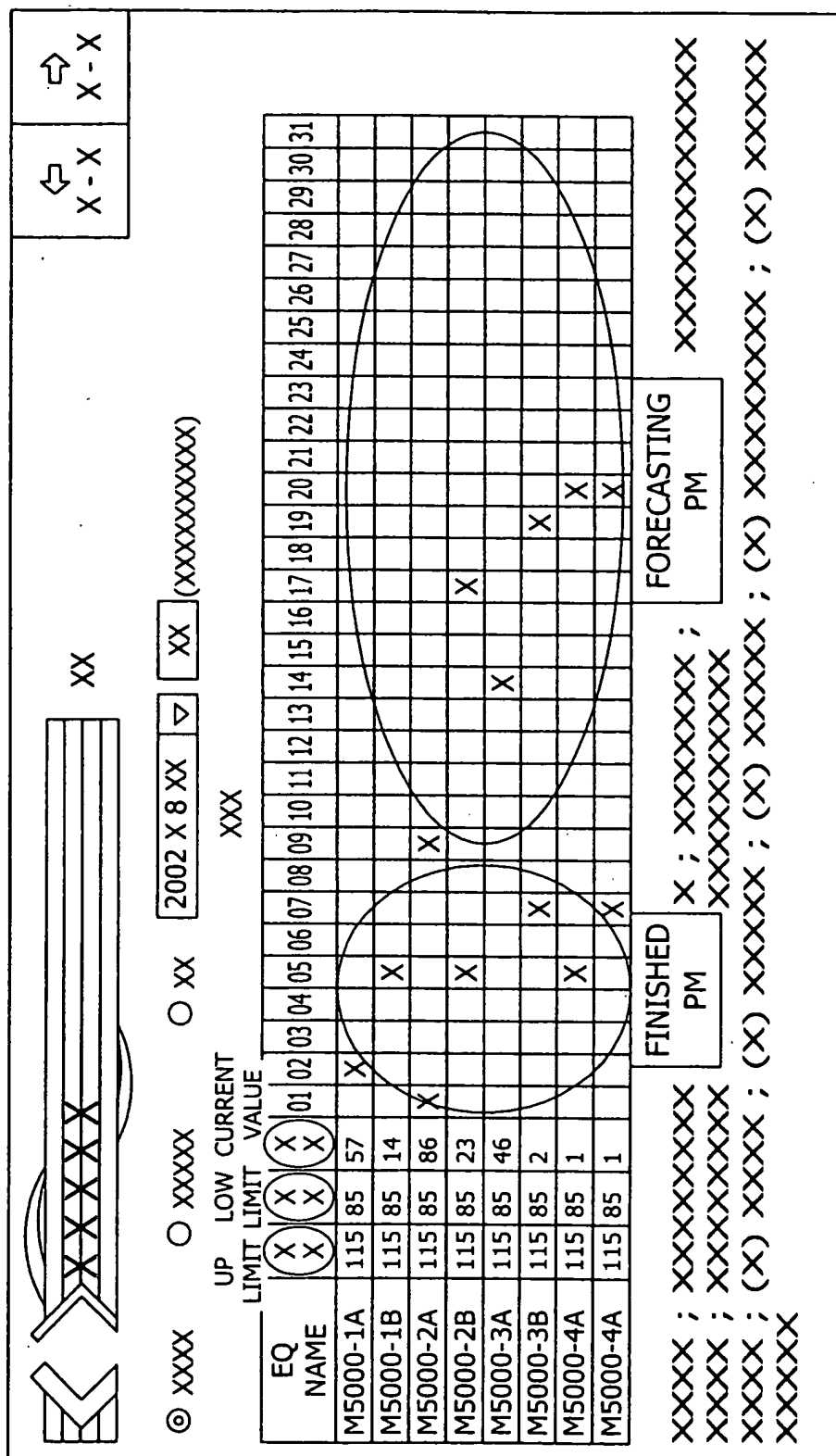



FIG. 16

PERIODIC MAINTENANCE SHEET MANAGEMENT						
XX : BOXCLEAN						
SEARCHING CRITERIA						
PM SHEET NO	PM PERIOD	DEFAULT PM DAY	MODIFIED PM DAY	ACTUAL PM DAY	STATUS	COSIGNING
XXXX X	<input type="text"/>	XXX	<input type="text"/>	XXX X	<input type="text"/>	XX
XXXX	<input type="text"/>	XXXX	<input type="text"/>	(YY/MM/DD) X	<input type="text"/>	XX
1	MONTHLY PM	2002/03/30			NOT OK	
2	X	2001/12/03		2001/12/03	OK	
3	WEEKLY PM	2001/12/10		2001/12/10	XX	XXXX
4	X	2001/12/17		2001/12/13	XX	XXXX
5	X	2001/12/24		2001/12/24	XX	NONE
6	X	2002/03/29	2002/04/25	2002/04/25	XX	XXXX
7	X	2002/05/25	2002/05/23	2002/05/23	XX	XXXX
8	X	2002/06/22	2002/06/24	2002/06/24	XX	XXXX
9	X	2002/07/24	2002/07/31	2002/07/31	XX	XXXX

FIG. 17



APERIODIC MAINTENANCE SHEET MANAGEMENT

X - X

⇐

X - X

⇒

XX : CVD06#1

XXXX

XXXX

XXX

XXXX

▽

▽

XXX

XXXX

XXX

XXXX


X

SEARCHING CRITERIA

XX

	PM SHEET NO.	APERIODIC ITEM	FORECASTED PM DAY	MODIFIED PM DAY	ACTUAL PM DAY	STATUS	COSIGNING
1	36764	3000 PCS. MAINTENANCE	XXXX X	XXXX XX	XXXX X	NOT	
2	27971	1000 PCS. MAINTENANCE	2002/08/07			NOT	
3	28354	10000XXX	2002/08/29			XXXX	
4	26208	10000XXX	2002/07/21	2002/07/25	2002/07/21	OK	NONE

FIG. 18



ABNORMAL MAINTENANCE SHEET MANAGEMENT

X - X
↩

X - X
↩

X - X
↩

XX : IMC02

XXXX

XXXX

(YYY/MM/DD) X

SEARCHING CRITERIA

XX

PM SHEET ABNORMAL

	NO	ITEM	PM DAY	STATUS	COSIGNING
1	28103	FILAMENT BROKEN	2002/08/04	XX	XXXX
2	28315	FILAMENT BROKEN	2002/08/04	XX	XXXX
3	28318	FILAMENT BROKEN	2002/08/08	XX	XXX

FIG. 19

DAILY MAINTENANCE SHEET MANAGEMENT

2002 X

▼

8 X

▼

⊙ -X

XXXX

○ XXXX

SEARCHING CRITERIA

↩ X - X

↪ X - X

XXXXXXXXXX

X		X		X		X		X		X		X		X		X		PM DAY PM STATUS (PM ITEM)
								08/01 XXX (X,X-X)		08/02 XXX (X)		08/03 XXX (X,X-X)						
08/04 XXX (X)	08/05 XXX (X,X-X)	08/06 XXX (X)	08/07 XXX (X)	08/08 XXX (X,X-X)	08/09 XXX (X)	08/10												
08/11	08/12	08/13	08/14	08/15	08/16	08/17												
08/18	08/19	08/20	08/21	08/22	08/23	08/24												
08/25	08/26	08/27	08/28	08/29	08/30	08/31												

FIG. 20

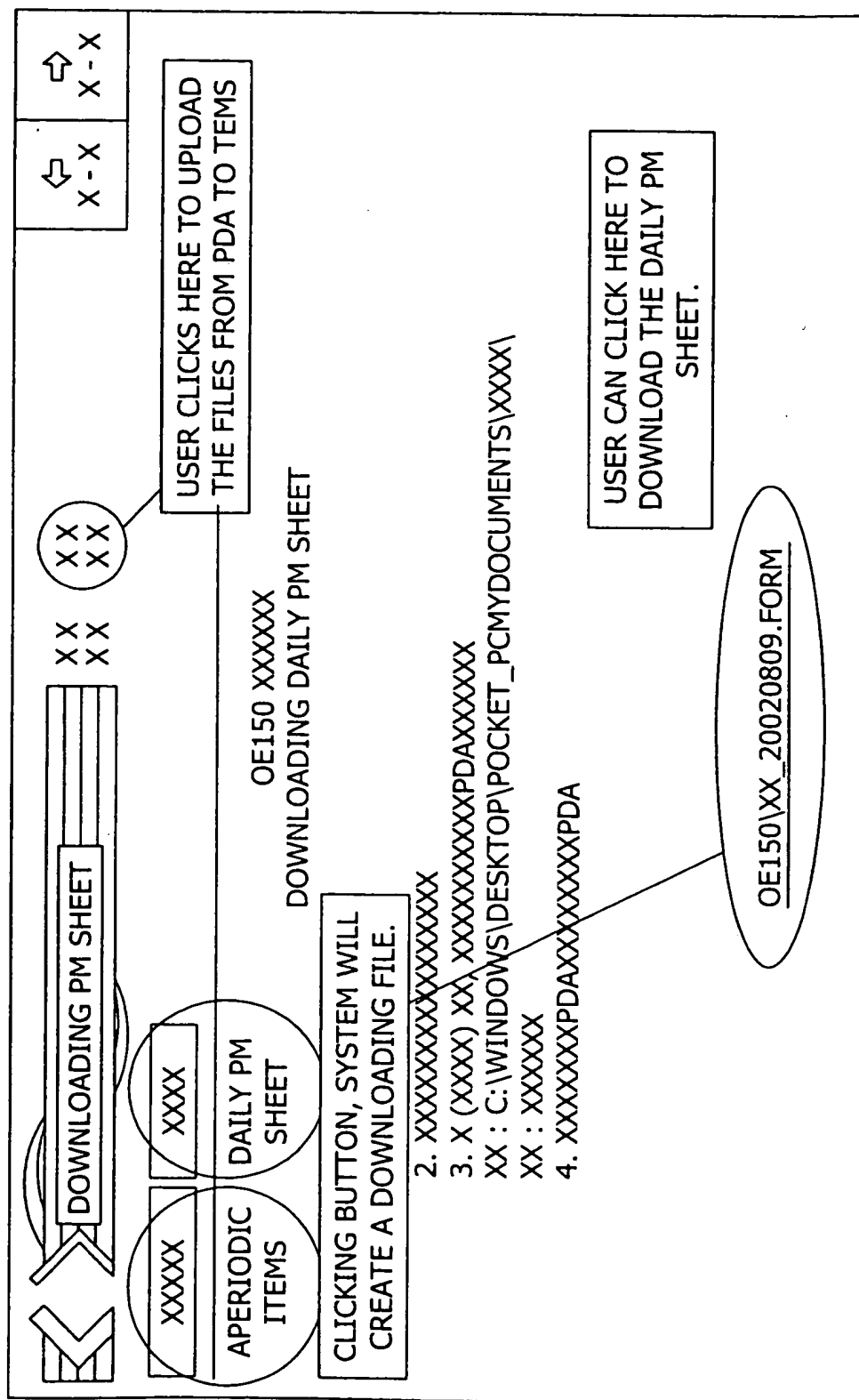


FIG. 21

XX

XX

CREATE A NEW REPAIRD SHEET

XX : C.3-2

REPAIRD REASON	ENGINEER	DATE	COSIGNING
PTI XXXXXX	XXX	2002/3/5 XX 11:30:00	
PTI (HPI & HPP VALVE &PTI) XX	XXX	2002/3/5 XX 11:30:00	


↩

↪

X - X

X - X

FIG. 22



PM OCAP SHEET MANAGEMENT

XX

X - X

X - X

XX : ETCH

XX

XXXX

XXXX

XX

XXX

XXXX

XXXX

XXX

XXXX

XX

XXX

XXXX

XX

XXX

XXXX


(YYY/MM/DD) X

XX

SEARCHING CRITERIA

PM SHEET NO.	PM TYPE	PM NAME	EQ. NAME	USER	DATE	STATUS	COSIGNING
1 18963	XXXX	MONTHLY1	STRIP-3	XXX	2002/04/23	XX	XXXX
2 20012	XXXX	MONTHLY3	STRIP-3	XXX	2002/05/10	XX	XXXX
3 21834	XXXX	MONTHLY4	PSC-8	XXX	2002/05/23	XX	XXXX
4 27145	XXXX	XX	SINREM-1	XXX	2002/06/11	XX	XXXX
5 26342	XXXX	X	HP-4	XXX	2002/07/01	XX	XXXX
6 26728	XXXX	XX	CR-3	XXX	2002/07/01	XX	XXXX
7 31178	XXXX	X	UV-3	XXX	2002/07/02	XX	XXXX
8 31374	XXXX X	RF TIME	P5000-1B	XXX	2002/07/04	XX	XXXX
9 31375	XXXX XXXX	RF TIME	P5000-5A	XXX	2002/07/04	XX	XXXX
10 31378	XXXX X	RF TIME	P2000-4B	XXX	2002/07/04	XX	XX
11 35273	XXXX	XX	CR-3	XXX		XXXX	

FIG. 23



XXXXXXXX

COSIGN LEVEL SETTING

↩ X - X

➡ X - X

XXXXX

EVENT	XXX	XXX	EQ SPONSOR	LEADER	PM LEADER	EQ LEADER	XXX	XXX	XXX	XXX
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

MAIN FUNCTION
(IN THIS CASE IS "MODIFY
APERIODIC PM SCHEDULE")

XXXXXX

EVENT	XXX	XXX	EQ SPONSOR	LEADER	PM LEADER	EQ LEADER	XXX
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XXXX

EVENT	XXX	XXX	EQ SPONSOR	LEADER	PM LEADER	EQ LEADER	XXX	XXX	XXX	XXX
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

EVENT TYPE
(IN THIS CASE IS "CANCEL
APERIODIC SCHEDULE")

XXXX

EVENT	XXX	XXX	EQ SPONSOR	LEADER	PM LEADER	EQ LEADER	XXX	XXX	XXX	XXX
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

XXXX




EVENT	XXX	XXX	EQ SPONSOR	LEADER	PM LEADER	EQ LEADER	XXX
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

COSIGNING LEVEL SETTING
IN THIS CASE THE
COSIGNING LEVEL IS
1. PM LEADER
2. SESSION MANAGEMENT







XXXX

EVENT	XXX	XXX	EQ SPONSOR	LEADER	PM LEADER	EQ LEADER	XXX	XXX	XXX	XXX
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
XX	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

FIG. 24

	 XX	X - X  X - X	SEARCHING CRITERIA XXXX (YYYY/MM/) XXXX
---	---	---	---

<input checked="" type="checkbox"/> XXXXXXXX XX	<input checked="" type="checkbox"/> XXXX XX	<input checked="" type="checkbox"/> XXXXXX XXXX	<input checked="" type="checkbox"/> XXXX XXXX	<input checked="" type="checkbox"/> OCAP X XXXX (YYYY/MM/) XXXX	<input checked="" type="checkbox"/> XXXX XXXX
--	--	--	--	---	--

DIFFUSION 	XXXX 	XXXX 	XXXX 	XXXX 	XXXX 
--	---	---	---	---	---

SIGN NO.	EQ. NAME	SIGNED TYPE	NOTICE TIME	AUTHOR	SIGNER	SIGNER AGENT
1 582	THM21	PERIODIC PM-MONTHLY	2002/03/04 09:40:17	XXX	XXX	
2 5382	CLM01	XXXXX - XX	2002/07/27 13:53:48	XXX	XXX	
3 5527	CLM01	XXXXX - XX	2002/08/05 11:34:20	XXX	XXX	
4 5485	GAT02	XXXXXX - XX	2002/08/01 08:46:46	XXX	XXX	
5 5402	IHC02	XXXXX - FILAMENT BROKEN	2002/07/28 07:26:07	XXX	XXX	
6 5622	IMC01	XXXXX - FILAMENT BROKEN	2002/08/09 08:36:46	XXX	XXX	
7 5623	IMC02	XXXXX - FILAMENT BROKEN	2002/08/09 08:37:47	XXX	XXX	
8 5624	IMC08	XXXXX - FILAMENT BROKEN	2002/08/09 08:38:43	XXX	XXX	
9 5625	IMC10	XXXXX - FILAMENT BROKEN	2002/08/09 08:39:52	XXX	XXX	

FIG. 25

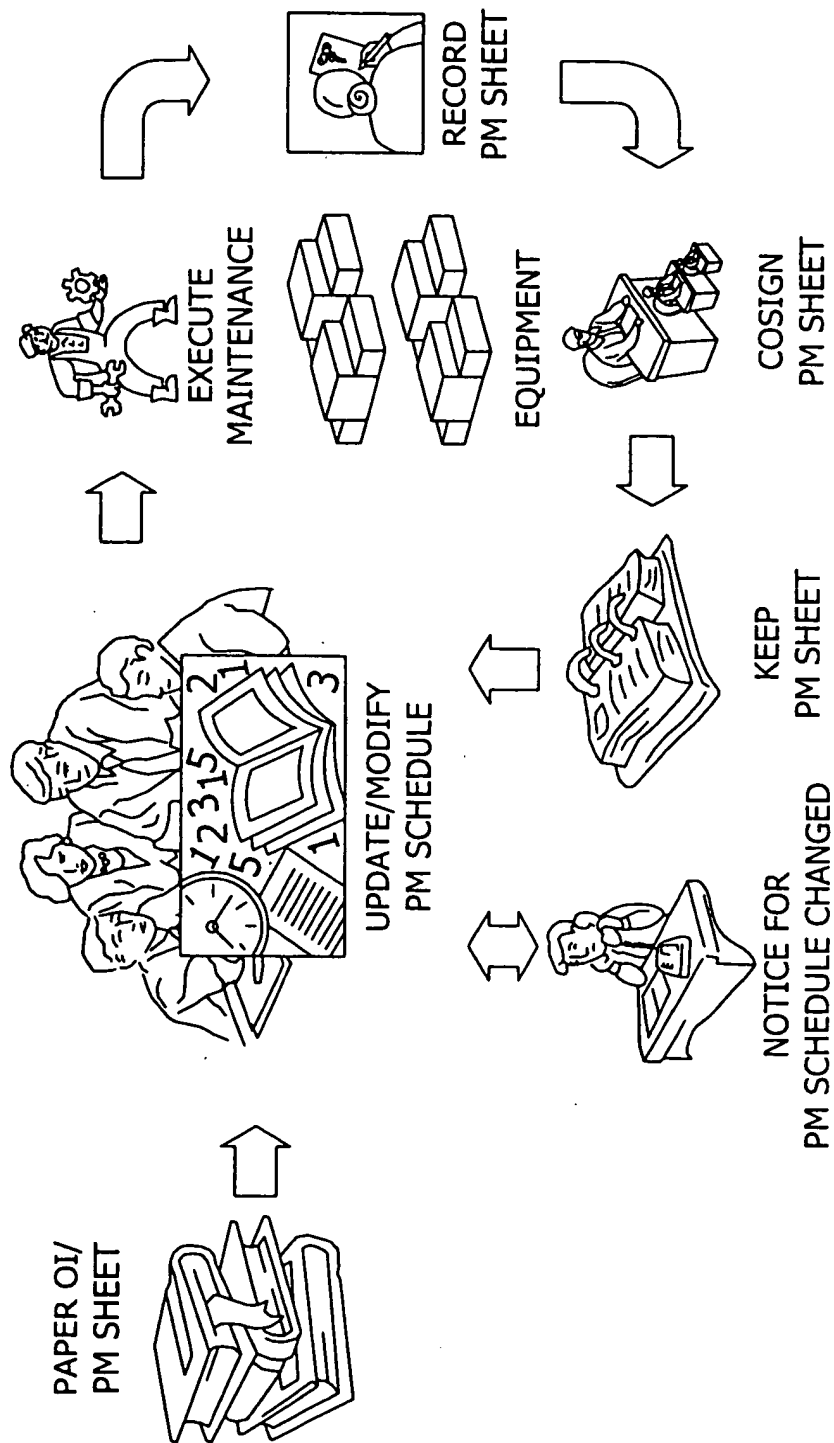


FIG. 26

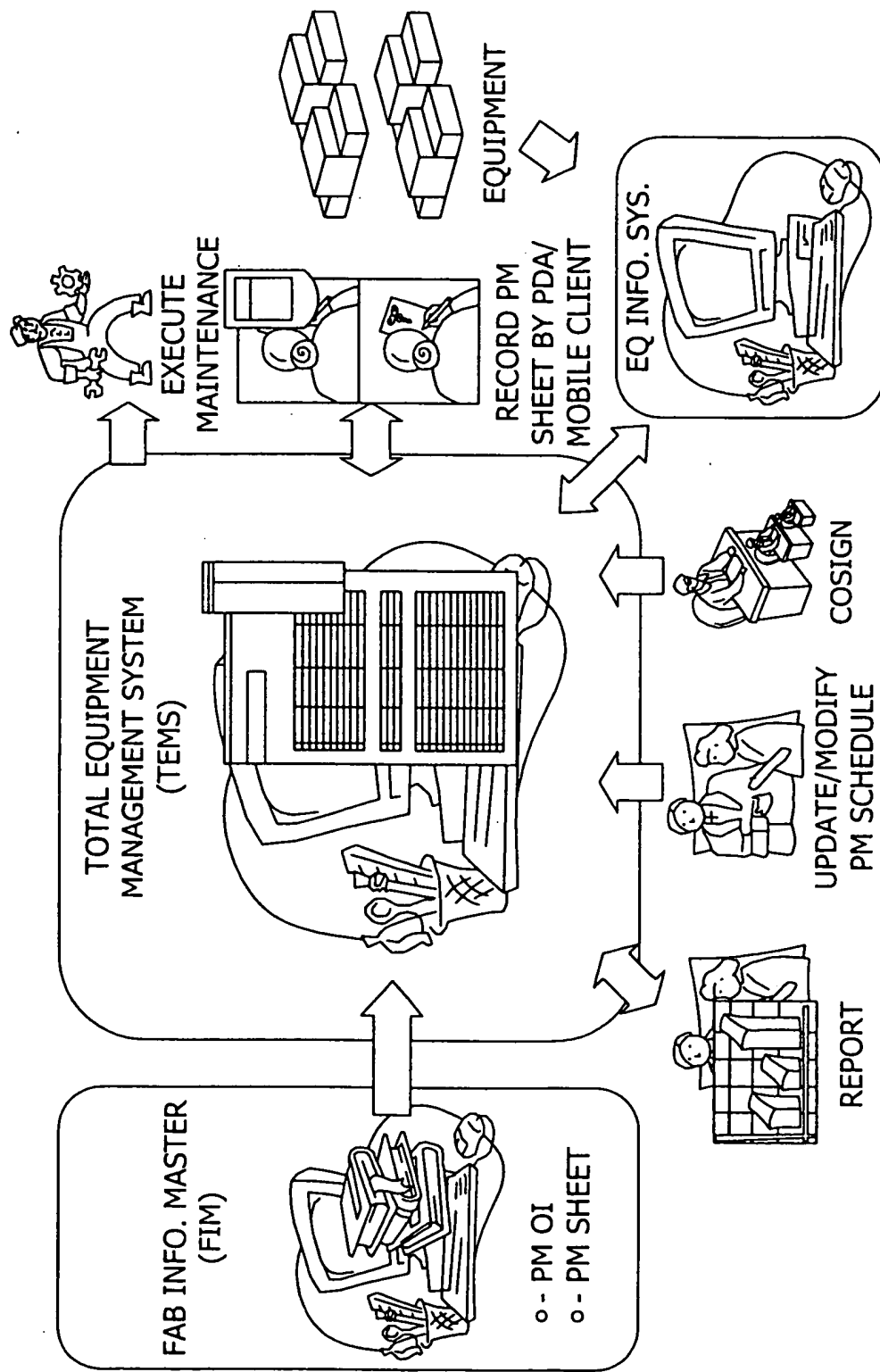


FIG. 27

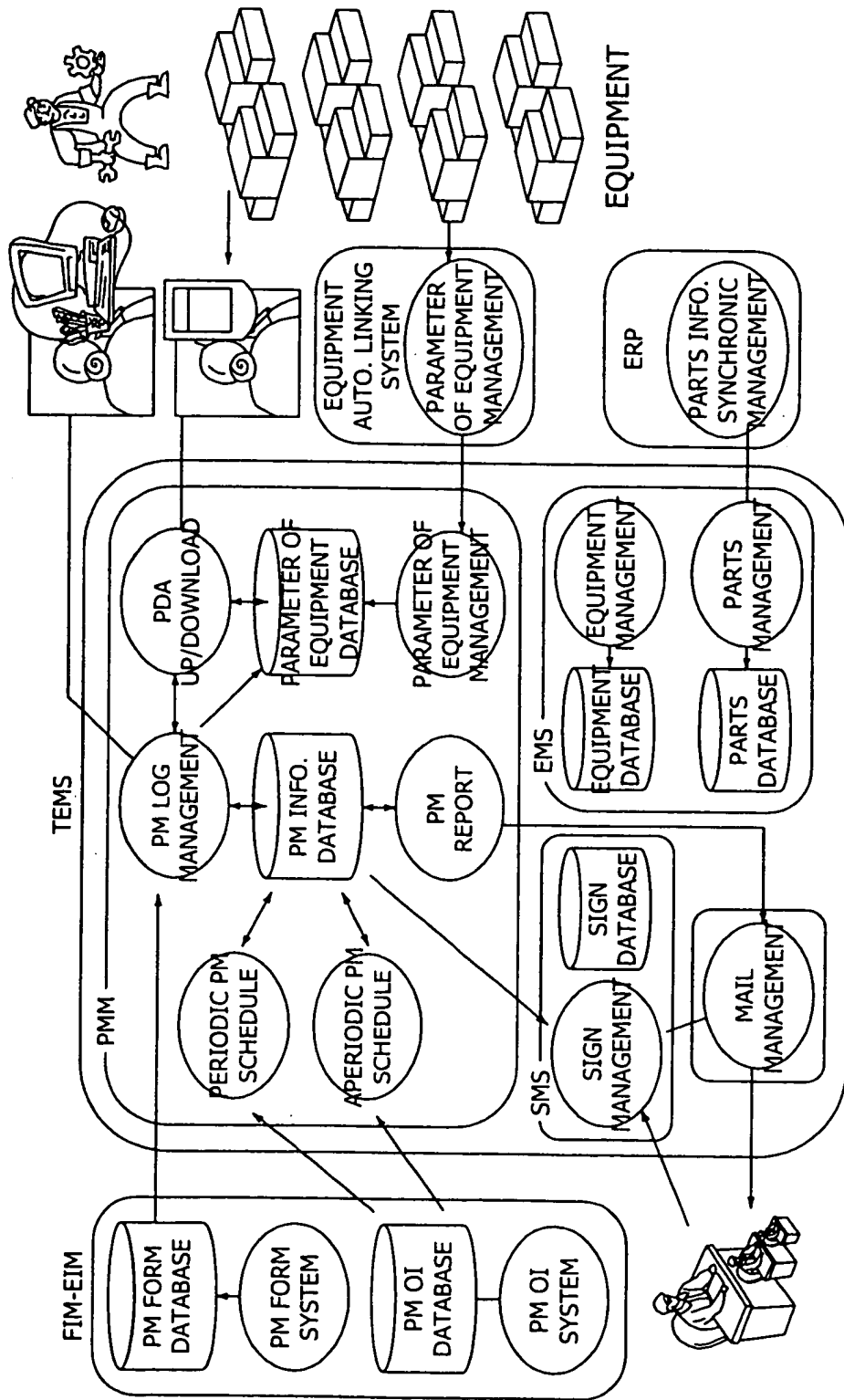


FIG. 28


PM OI VERSION REVISED DATA IN THE FIM-EIM SYSTEM



XX FACTORY XX VER.	FAB1 9 -> 10	XXXX PM OI XXXX STATUS	ADT P5000 PASSVIATION XXX-ECR				
XXXXXXXX : XXXXXXXXXXXX, XXXXXXXXXXXX							
1. XXXX	XXXX						
2. XX	STATUS	PM PERIOD	EQ NAME	PM FORM NO	PERIOD DAY	REF. PROCEDURE	REMARK
	XXXX	XX	XX	XXXX	XXXX	XXXXXX	XX
3. XXXX PERIODIC PM	XX	XX 1	ADT-1	P1416K			
	XX	XX 1	ADT-2	P1416K			
	XX	XX 1	ADT-3	P1416K			
	XX	XX 1	ADT-6	P1416K			
	XX	XX 1	ADT-7	P1416K			NEW ITEMS IN NEW VER.
	XX	XX 1	ADT-10	P1416K			
	XX	XX 1	ADT-13	P1416K			
	XX	XX 1	ADT-15	P1416K			
	XX	XX 1	ADT-17	P1416K			
	XX	XX 2	ADT-1	P1416K			
	XX	XX 2	ADT-2	P1416K			
	XX	XX 2	ADT-3	P1416K			
	XX	XX 2	ADT-6	P1416K			
	XX	XX 2	ADT-7	P1416K			REMOVED ITEMS IN OLD VER.
	XX	XX 2	ADT-10	P1416K			
	XX	XX 2	ADT-13	P1416K			
	XX	XX 2	ADT-15	P1416K			
XX	XX 2	ADT-17	P1416K				

REMOVE QUARTERLY PM2 ADT-13 P1416K

IN THIS CASE


THE OI (ADT P5000 PASSVIATION) HAD BEEN REVISED FROM VER. 9 TO VER. 10. AND THE "QUARTERLY PM2" OF THE PERIODIC PM FOR ADT-13 HAD BEEN REMOVED IN THIS VERSION. WHEN THIS CASE IS APPROVED, THE TEMS SYSTEM WILL AUTOMATICALLY REMOVE THE "QUARTERLY PM2" OF ADT-13.



PM SCHEDULING PLAN

XX XX



X - X

☐ XXXX
 ☐ XXXXX
 ☒ XX
 2003 X 9 XX

XX

 (XXXXXXXXXXXX)

XXX

STOP

EQUIPMENT	PM PERIOD	X X	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ADT-13	X (30)	10							X																							
ADT-13	XX 1 (30)	0		X																												
ADT-13	XX2 ()	0.5																														X

QUARTERLY PM2

FIG. 29

THE FORECASTING SCHEDULE OF ADT-13'S "QUARTERLY PM2" HAS BEEN STOP IN THE TEMS SYSTEM

←
→

XX

↶
X - X

↷
X - X

STEP 1. CLICK "START" BUTTON TO STOP THE MAINTENANCE.

ASMO1#1

EQUIPMENT
(ASMO1#1)

XXXXXXXX:

MONTHLY MAINTENANCE SETTING VALUE

XX	OPTIONS	XX	ITEMS	XXX	SETTING VALUE	XX	REMARK
TOLERANCE XX	XXXX			7			TOLERANCE XX : (7X)
TOLERANCE XX	XXXXXXXX						XXXX
XXXX	XXX			XXX	▼		
XXXX	XXX			XXX	▼		
XXXX	PM STATUS	XXXX		XX			CURRENT STATUS OF PM PERIOD IS "START". CLICK THE BUTTON TO STOP THE MAINTENANCE.
XXXX	XXXXXX			X	▼		

↓

STEP 2. SELECT THE STOPPING PM PERIOD AND INPUT THE REASON AND REMARK.

XXXXXXXXXXXX
XXXXXX)

	EQUIPMENT	PM PERIOD	STATUS	XXXX	REASON	REMARK
<input checked="" type="checkbox"/>	ASMO1#1	X	XX		5-XXXX	
<input type="checkbox"/>	ASMO1#1	XX	XX			
<input type="checkbox"/>	ASMO1#1	X	XX			

XX
↓

STEP 3. SELECT THE COSIGNER FOR EACH COSIGNING LEVEL.

XXXXXXXXXX

XXX

XXX

XX

XXXXXXXXXX

COSIGNER

X : XXXXXX-XXXXXXXX-X

XX
XX

↓

XXXXXXXX:

ASMO1#1

XX	XX	XXX	XXX	XX	REMARK
TOLERANCE XX	XXXX	7			TOLERANCE XX : (7X)
TOLERANCE XX	XXXXXXXX				XXXX
XXXX	XXX	XXX	▼		
XXXX	XXX	XXX	▼		
XXXX	XXXX	XX			CURRENT STATUS OF PM PERIOD IS "STOP"
XXXX	XXXXXX	X	▼		

↓

☐ XXXX
 ☐ XXXXX
 ☒ XX
 2003 X 6 XX
 ▼
 XX
 (XXXXXXXXXXXX)

XXX

XX	XX	X X	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30
ADT-13	X (30)	10																														
ADT-13	X (7)	0						X						X																		

FIG. 30

THE STATUS IS "STOP" IN
THE SCHEDULE PLAN.

2003/8/1 XX 08:27:34

XXXX	CLM01	XXXXX	XX		
XXXX	2003/7/31 XX 10:00:00- 2003/7/31 XX 04:00:00	XXXX	XXX	XXXX	XXX
XX					

MAINTENANCE ITEMS

	ITEMS (DESCRIPTION)	SPEC (UP, LOW LIMIT)	Y/N	VALUE 1	VALUE 2	VALUE 3	UNIT	OCAP X	USER	REMARK
1	CHECK CHEMICAL BATH & MEASURING TANK HEATER ON		Y						xxx	
2	CHEMICAL BATH COVER XX		Y						xxx	
3	CHECK CHEMICAL CIRCULATION PUMP CONNECTION NO LEAK		Y						xxx	
4	INSPECT ROBOT MOTION XXX		Y						xxx	
5	INSPECT WAFER TRANSFER XXX		Y						xxx	
6	XXXXXXXX		Y						xxx	
7	XXXXXXXXXX		Y						xxx	
8	CLEAN BATH & SPIN DRY CHAMBER		Y						xxx	
9	INSPECT TEFLON CASSETTE XXX		Y						xxx	
10	POS 4,6,8,9 BATH SHOWER FLOW METER	(> = 18, < = 22)		20			L/min		xxx	
11	POS 4,6,8,9 BATH SHOWER FLOW METER	(> = 14, < = 18)		20			L/min	50523	xxx	
12	POS 2-4 EXHAUST PRESSURE	(> = 8, < = 20)		16			mm H2O		xxx	

COSIGNING FLOW

XX	XX	XXXX	XXXX	XXXX	XXXX
0	XXX	2003/8/1 XX 08:36:04	2003/8/11 XX 08:53:24	XX	
1	XXX	2003/8/11 XX 08:53:25	2003/8/11 XX 09:57:46	XX	
2	XXX	2003/8/11 XX 09:57:47		IN THIS CASE	

IN THIS CASE

THE VALUE OF ITEM 11 IS 20> THE VALUE OF UP
LIMIT (VALUE IS 18), THE SYSTEM CREATE A PM
OCAP SHEET FOR THIS ITEM AUTOMATICALLY.

PM OCAP X-XXXX-(XXXX):

XXXX

XXX

XXX

XXXX: 2003/8/11 XX 11:11:29

XXXX	CLM01	XXXX	XX
XXXX	XXX	XXXX	2003/07/31 10:00-2003/07/31 16:00
XXXX	XXX	XXXX	XXX
XXXX	2003/8/11 ... 11:00	XXXX	2003/8/11 ... 11:00
XXXX			

[illegible]

IN THIS CASE

WHEN THE VALUE OF MAINTENANCE ITEMS IS OUT OF SPEC., THE SYSTEM WILL AUTOMATICALLY CREATE A PM OCAP SHEET. USER MUST RECORD THE ACTION PROCESS AND ITEM VALUE AFTER MAINTAINING.

FIG. 31

STANDARD DEFINITION IN THE FIM-EIM SYSTEM

XXXXXXX

① XXX (06519)

2003/08/11 XX

01:23:06

MONTHLY PM

XXXX

XXXX

PERIOD ID	PM PERIOD	XX	XX	DESCRIPTION
X	XXX	1	0	XXX-XXX
X	XXX	7	2	XXX-XXX
X	XXX	30	10	XXX-XXX
X	XXX	90	3	XXX-XXX
XX	XXXX	18	6	XXXXXXXX
X	XXX	36	12	XXX-XXX
XX	XX	14	2	XXXXXXXX
XX	XXX	60	2	XXXXXXXX
XX	XX	73	248	XXXXXXXX
XX	XX	1055	365	XXXXXXXX

X-X X-X XXXX XXXX: 1/6 XXXX

USER'S DEFINITION IN THE FIM-EIM SYSTEM

FIM-EIM

PM OI OF EQUIPMENT

XX: FAB1

XXXX: ASM 5X STEPPER

DATA OWNER MC120

USER XXX

DEPARTMENT MC120

REMARK ASM STEPPER 2500W MODIFY LONG LIFE TYPE LAMP LIFE TIME (1050 -> 1500 HOURS)

PERIOD DAY

TOLERANCE

XXXXX: ASM STEPPER

XX: 11

DATE STATUS XXXX

APPROVE DATE 2003/6/13

APPROVE STATUS

INVALID DATE

DOC. NO ED0396

1. XXXX:

ASM-11, ASM-12, ASM-13, ASM-14, ASM-15, ASM-16, ASM-17, ASM-18, ASM-19, ASM-20, ASM-21, ASM-22, ASM-23, ASM-24, ASM-25, ASM-26, ASM-27, ASM-28

2. XX

2-1 XXXXXXXXXXXXXXXX XXXXXXXX

3. XXXX

3.2 XXX:XXX-XXX MONTHLY PM

EQUIP NAME	MES ENTITY	PM FORM NO.	XXXX	XXXX XX	XXXX
ASM-11	N	T000308	30	X	
ASM-12	N	T000308	30	X	
ASM-13	N	T000308	30	X	
ASM-14	N	T000308	30	X	
ASM-15	N	T000307	30	X	
ASM-16	N	T000308	30	X	
ASM-17	N	T000308	30	X	
ASM-18	N	T000308	30	X	
ASM-19	N	T000307	30	X	
ASM-20	N	T000307	30	X	

USER'S DEFINITION IN THE TEM SYSTEM

XXXXXXXX

ASM-11

XXXXXXXX: CONFIGURATION OF MONTHLY PM:

OPTIONS	ITEMS	VALUE	REMARK
TOLERANCE XX	XXXX USER'S SETTING	9	TOLERANCE XX: (10X)
TOLERANCE XX	XXXXXX WHOLE YEAR		XXXX NA
XXXX HOLIDAY SETTING	XXX SATURDAY	XXX YES,EARLY	
XXXX	XXX SUNDAY	XXX YES,DELAY	
XXXX	XXXX	XX	
XXXX	XXXXXX	X	XXXX NA

UP LIMIT OF TOLERANCE : (10 DAYS)

PERIOD-DAY

= MIN(A. PERIOD DAY, B. PERIOD DAY)

TOLERANCE

= MIN(A. TOLERANCE, C. TOLERANCE)

IN THIS CASE

THE CONFIGURATION OF ASM-11'S MONTHLY PM IS

- PERIOD-DAY : 30 DAYS
- TOLERANCE : 9 DAYS (SET BY TEMS)

FIG. 32

APERIODIC PM DEFINITION IN THE FIM-EIM SYSTEM

FIM-EIM		XXXXXXXX			
XX : FAB2	XXXXXX:ETCH-EXELAN				XX : 2
XXXX : XXXXXXXX-EXELAN CIP/HPT					
XXXXXX	MC230	XXXX		XXXX	XXXXXX
XXX	XXX	XXXX	2003/5/16	XXXX	
XXXXXX	MC230	XXXX		XXXX	ED0336
XXXX	XXOIXX				

1. XXXX: EQUIPMENT
ACE07,ACE08,ACE08
2. XX PURPOSE
2-1 XXXX
2-1-1 XXXXXXXXXX. XXXXXXXX. XXXXXXXX
3. XXXX PERIODIC PM
3.1 XXXX : XXXXXXX

XXXX	MES ENTITY	XXXX	XXXX	XXXX XX	XXXX
ACE07#1	Y	PB1128B		X	
ACE07#2	Y	PB1128B		X	
ACE07#3	Y	PB1128B		X	
ACE08#01	Y	PB1128B		X	
ACE08#02	Y	PB1128B		X	
ACE08#03	Y	PB1128B		X	

4. XXXX PERIODIC PM 4.1 RF ON TIME

EQUIPMENT	MES ENTITY	PROCESS	UP LIMIT	LOW LIMIT	UNIT	FORM NO	XXXX XX	XXXX
ACE07#1	Y		130	110	HOUR	PB1128A	X	
ACE07#2	Y		130	110	HOUR	PB1128A	X	
ACE07#3	Y		130	110	HOUR	T005061	X	
ACE08#1	Y		130	110	HOUR	T005061	X	
ACE08#2	Y		130	110	HOUR	T005061	X	
ACE08#3	Y		130	110	HOUR	T005061	X	

THE APERIODIC ITEMS WHICH DEFINED IN THE FIM-EIM SYSTEM, WILL BE AUTOMATICALLY INCLUDED IN THE TEMS SYSTEM.

CURRENT VALUE OF APERIODIC PM IN THE TEMS SYSTEM

XXXX: XX-XX XXXXXX CURRENT VALUE X VARIATION VARIATION (7 TIMES)

XX XX XX

X-X X-X

EQ NAME	APERIODIC ITEM	LOW LIMIT	UP LIMIT	XXX	UPDATING TIME	STATUS	XXX XX	XXX XX	DIR.	UNIT	AUTO	FORM NO
ACE01#1	RF ON TIME	115	125	26	2003/08/11 15:05		1.67	1.67	+	HOUR	Y	PB1103D
ACE01#2	RF ON TIME	115	125	48	2003/08/11 15:05		2	2	+	HOUR	Y	PB1103D
ACE04#1	RF ON TIME	115	125	74	2003/08/11 15:11		4.83	4.83	+	HOUR	Y	PB1103D
ACE04#2	RF ON TIME	115	125	82	2003/08/11 15:11		6.83	6.83	+	HOUR	Y	PB1103D
ACE05#2	RF ON TIME	115	125	27	2003/08/11 15:20		5.83	5.83	+	HOUR	Y	PB1103D
ACE05#3	RF ON TIME	115	125	8	2003/08/11 15:20		4.33	4.33	+	HOUR	Y	PB1103D
ACE06#1	RF ON TIME	115	125	31	2003/08/11 15:12		4.5	4.5	+	HOUR	Y	PB1103D
ACE06#2	RF ON TIME	115	125	65	2003/08/11 15:12		3.5	3.5	+	HOUR	Y	PB1103D
ACE07#1	RF ON TIME	110	130	92	2003/08/11 14:52		0.17	0.17	+	HOUR	Y	PB1128A
ACE07#2	RF ON TIME	110	130	71	2003/08/11 14:52		2.83	2.83	+	HOUR	Y	PB1128A
ACE07#3	RF ON TIME	110	130	58	2003/08/11 14:52		1.17	1.17	+	HOUR	Y	T005061
ACE08#1	RF ON TIME	110	130	112	2003/08/11 14:59	XXXX	1		+	HOUR	Y	T005061
ACE08#2	RF ON TIME	110	130	6	2003/08/11 14:59		1		+	HOUR	Y	T005061
ACE08#3	RF ON TIME	110	130	64	2003/08/11 14:59		1		+	HOUR	Y	T005061

FIG. 33